

Determine if String Halves are Alike [\(View\)](#)

You are given a string `s` of even length. Split this string into two halves of equal lengths, and let `a` be the first half and `b` be the second half.

Two strings are **alike** if they have the same number of vowels ('a', 'e', 'i', 'o', 'u', 'A', 'E', 'I', 'O', 'U'). Notice that `s` contains uppercase and lowercase letters.

Return `true` if `a` and `b` are **alike**. Otherwise, return `false`.

Example 1:

Input: `s = "book"`

Output: `true`

Explanation: `a = "bo"` and `b = "ok"`. `a` has 1 vowel and `b` has 1 vowel. Therefore, they are alike.

Example 2:

Input: `s = "textbook"`

Output: `false`

Explanation: `a = "text"` and `b = "book"`. `a` has 1 vowel whereas `b` has 2. Therefore, they are not alike.

Notice that the vowel `o` is counted twice.

Constraints:

- `2 <= s.length <= 1000`
- `s.length` is even.
- `s` consists of **uppercase and lowercase** letters.